

Supplemental Digital Content

Hospital Variation in Intensive Care Resource Utilization and Mortality in Newly Diagnosed Pediatric Leukemia

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Table: Intensive Care Unit Support Definitions

Resource Utilization Codes	Definitions Used
Cardiovascular Medications	Two consecutive days of exposure to any of the medications
Dopamine	
Epinephrine (intravenous)	
Norepinephrine	
Dobutamine	
Milrinone	
Cardiovascular Clinical Resources	Any of the clinical resource utilizations
Arterial catheter insertion	
Arterial line monitoring	
Swan-Ganz catheter insertion	
Pulmonary artery line monitoring	
Cardiopulmonary resuscitation	
Cardioversion/defibrillation	
Cardiovascular Procedures (ICD-9-CM^a Codes)	Any of the procedures
89.64: Pulmonary artery wedge monitoring	
89.63: Pulmonary artery pressure monitoring	
89.61: Systemic arterial pressure monitoring	
89.6: Continuous intra-arterial blood gas monitoring	
38.91: Arterial catheterization	
00.56: Insertion or replacement of implantable pressure sensor (lead) for intracardiac hemodynamic monitoring	
93.93: Nonmechanical methods of resuscitation	
99.6: Cardiopulmonary resuscitation, not otherwise specified	
99.62: Other electric countershock of heart	
Respiratory Clinical Resources	Any reported ECMO ^b intervention, or two consecutive days of any of the other interventions
High frequency ventilation	
Bilevel non-invasive mechanical ventilation	
Mechanical ventilation	
Other specified vent assistance	
Nitric oxide	
Surfactant therapy	
ECMO ^b	
Hemodialysis Clinical Resources	Any of the clinical resource utilizations
Hemoperfusion	
CAVH ^c	
Leukopheresis Procedures (ICD-9-CM^a Codes)	Any of the procedures

99.72: Therapeutic leukopheresis, Therapeutic leukocytapheresis	
99.71: Plasmapheresis	
Neurologic Clinical Resources	Any of the clinical resource utilizations
Intracranial pressure monitoring	
Neurologic Procedures (ICD-9-CM^a Codes)	Any of the procedures
01.10: Intracranial pressure monitoring	
0.1.16: Intracranial oxygen monitoring	

^aInternational Classification of Diseases-9-Clinical Modification, ^bECMO: Extracorporeal membrane oxygenation, ^cCAVH: Continuous arteriovenous hemodialysis